

TH/bs 010941WO  
21. Dezember 2004

C L A I M S

1. A method for applying a reclosable pouring element (1) comprising a pouring opening (16) and a flange (5) with a threaded ferrule (1') and provided with a closure film (9) and having a removable cap (19) to a container having an opening (2), comprising a body (10), a base (11) and a lid (3), comprising the following steps:
  - connecting said pouring element (1) to a lid (3) of the container having an opening (2) by affixing said flange (5) of said pouring element (1) to said lid (3) in a liquid-tight fashion,
  - connecting said lid (3) to said body (10) in a liquid-tight fashion,
  - connecting said base to said body (10),
  - sterilising the interior of the container including said pouring opening (16),
  - filling the container with a product through said pouring opening (16),

- closing the container by sealing the closure film (9) onto said pouring element (1) in such a fashion that said pouring opening (16) of said pouring element (1) is closed in a liquid-tight fashion and
  - applying said cap (19) to said pouring element (1), characterised in that before sterilising a section (8) of said closure film (9) is sealed on said pouring element (1) so that said pouring opening (16) of said pouring element (1) remains open until filling.
2. The method according to claim 1, characterised in that said closure film (9) is sealed on after applying the pouring element (1) and before the sterilising.
  3. The method according to claim 1 or 2, characterised in that the section (8) of said closure film (9) is sealed laterally on the threaded ferrule (1').
  4. The method according to any one of claims 1 to 3, characterised in that the container with said pouring element (1) affixed thereto and said closure film (9) sealed on said pouring element (1) with said pouring opening (16) of said pouring element (1) still open, is inserted at least with said lid (3) having said pouring element (1) into a region (13) delimited by side

walls (14) which serves as the guide for a sterilising means in the direction of the container and encloses the circumference of the container in the region of said lid (3) having said pouring element (1) tightly or with a small tolerance.

5. The method according to claim 4, characterised in that the container at least with said lid (3) having said pouring element (1) remains in said delimited region (13) during the filling of the container and the liquid-tight sealing of said pouring opening (16) by sealing said closure film (9) on said pouring element (1).
6. A container with a reclosable pouring element having a pouring opening (16) and a flange (5) and having a removable cap (19), wherein said pouring element (1) is constructed as a threaded ferrule and said cap (19) is constructed as a screw-on cap, characterised in that said pouring element (1) has a thread-free region (7) on its outer circumference for sealing a section (8) of said closure film (9).
7. The container according to claim 6, characterised in that said region (7) for sealing said section (8) of said closure film (9) is constructed as a flattened area.
8. The container according to claim 6 or 7,

characterised in that

this is formed of a lid (3), a body (10) and a base (11), wherein said lid (3) has the opening (2) and the pouring element.

9. The container according to claim 8,  
characterised in that said lid (3), said body (10)  
and/or said base (11) consist of a liquid-tight  
cardboard/plastic composite material having a  
cardboard support layer.
10. The container according to claim 8 or 9,  
characterised in that  
said lid (3), said base (11) and/or said body (10)  
have a flanged connecting edge.
11. The container according to claim 8 or 9,  
characterised in that  
said lid (3) and/or said base (11) have a bent  
connecting edge (4) which engages in a flanged  
connecting edge (12) of said body (10).